

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/824,742
				Filing Date	April 15, 2004
				First Named Inventor	Lid B. Wong
				Group Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket No.	BIO1819P0031US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
PK		US- 5,807,264	Sep. 15, 1998	Yaov Palteli	
		US- 2002/0101593 A1	Aug. 1, 2002	Massachusetts Institute of Technology	
		US- 5,748,295	May 5, 1998	University of Georgia Research Foundation	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
Examiner Signature			Date Considered		4/12/06	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standards ST.16, if possible. ⁶Applicant is to place a checkmark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) and application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

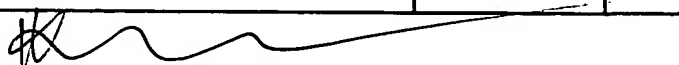
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²		
		WONG, L.B., et al., Nature of the Mammalian Ciliary Metachronal Wave, J.App. Physical, 1993, pp. 458-467, Vol. 75(1), Chicago, IL.			
		Date Considered	4/12/06		

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) and application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number		
				Filing Date		
				First Named Inventor		Lid B. Wong, et al
				Group Art Unit		
				Examiner Name		
Sheet	1	of	3	Attorney Docket No.		BIO1819P0031US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
AK		US- 4,339,954	Anson, et al.	07/20/1982	
		US- 4,352,565	Rowe, et al.	10/05/1982	
		US- 4,633,715	Monchalin	01/06/1987	
		US- 4,689,993	Stettenmoen	09/01/1987	
		US- 4,913,550	Montgomery et al.	04/03/1990	
		US- 5,108,907	Pleass et al.	04/28/1992	
		US- 5,293,215	Pfendler et al.	03/08/1994	
		US- 5,680,212	Blouin e t al.	10/21/1997	
		US- 5,807,264	Paltieli	09/15/1998	
		US- 5,838,439	Zang et al.	11/17/1998	
		US- 5,897,494	Flock et al.	04/27/1999	
		US- 6,008,887	Klein et al.	12/29/1999	
		US- 6,043,870	Chen	03/28/2000	
		US- 6,064,472	Drewling	05/16/2000	
		US- 6,188,482	Cloud	02/13/2001	
		US- 6,256,102	Dogariu	07/03/2001	
		US- 6,218,973	Trainer	08/28/2001	
		US- 2001/0033679 A1	Hasegawa et al.	10/25/2001	

FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
Examiner Signature					Date Considered	4/12/06	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number		
				Filing Date		
				First Named Inventor		Lib B. Wong, et al
				Group Art Unit		
				Examiner Name		
Sheet	2	of	2	Attorney Docket No.		BIO1819P0031US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		A new application in The Study of Ciliary Activity - WYLIE I. LEE and PEDRO - Laser Light-Scattering Spectroscopy VERDUGO - Biophysical Journal - Volume 16, 1976, University of Washington, Seattle, Washington 98/95	
		Nature Of The Mammalian Ciliary Activity - LID B. WONG, IRVING G. MILLER and DONOVAN B. YEATES, Section of Environmental and Occupational Medicine, Departments of Medicine and Chemical Engineering, University of Illinois of Chicago, and Veterans Affairs West Side Medical Center, Chicago, Illinois 60612	
		Laser Light Scattering Spectroscopy: A New Method To Measure Tracheobronchial Mucociliary Activity, K. SVARTENGREN, L-G WIMAN, P. THYBERG, R. RIGLER, from the Department of Lung Medicine, Karolinska Institute, Huddings University	
		Stimulation of Ciliary Beat Frequency by Autonomic Agonists: In Vivo, LID B. WONG, IRVING F. MILLER and DONOVAN B. YEATES, Department of Bioengineering Medicine and Chemical Engineering, University of Illinois at Chicago, Chicago 60680 and Veterans Administration, West Side Medical Center, Chicago, Illinois 60612, © 1988 The American Physiological Society	
		Fibre-Optic Laser Instrument for Measuring Ciliary Activity of Oviducts In Vitro, G. A. HOLLOWAY JR., S. A. HALBERT, W. I. LEE Center for Bioengineering, 310 Harris (WD-12), University of Washington, Seattle, WA 98195, USA, Department of Biological Structure, University of Washington, Seattle, WA 98195, USA, Department of Obstetrics & Gynecology, University of Washington, Seattle, WA 98195, USA Baxter Edwards MDS Corp., Irvine, CA USA, Med & Biol. Eng. & Comput., 1998.26. 665-658	
		Remote Detection of Ciliary Movement By Fiber Optic Laser-Doppler Spectroscopy, PEDRO VERDUGO and CARLOS E. GOLBORNE, Transactions on Biomedical Engineering, Vol. 35, No. 5, May 1988	
		Method for In Vivo Measurement of Mucociliary Activity In The Human Nose, LINDBERG, SVEN and THOMAS RUNER, Department of Otorhinolaryngology, University Hospital, Lund, Sweden. Reprints - Sven Lindberg, MD, PhD. Dept. Of Otorhinolaryngology, University Hospital	
		Stationary and Nonstationary Correlation-Frequency Analysis of Heterodyne Mode Laser Light Scattering: Magnitude and Periodicity of Canine Tracheal Ciliary Beat Frequency In Vivo, TARUN CHANDRA, DONOVA B. YEATES, IRVING F. MILLER and LIB B. WONG, Department of Medicine and Chemical Engineering, University of Illinois of Chicago, and the Veterans Administration West Side Medical Center, Chicago, Illinois 60612 USA, Biophysical Journal Volume 66 March 1994 878-890	
Examiner Signature			Date Considered
			2/12/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) and application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.